

FIG. 1 1/67

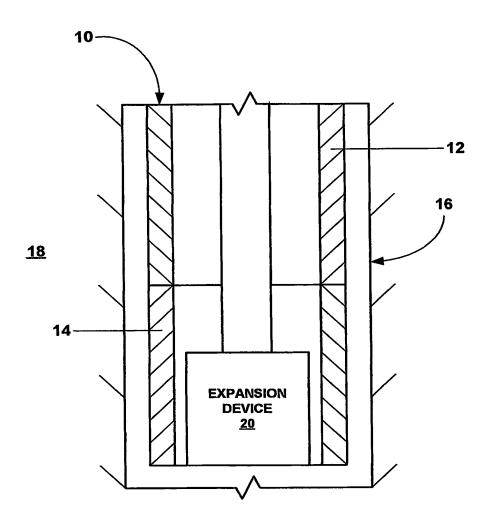


FIG. 2 2/67

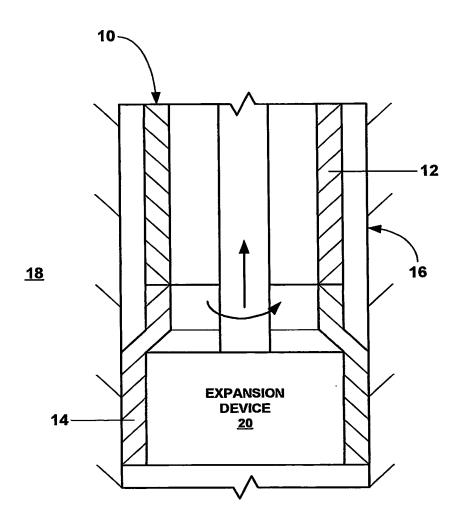


FIG. 3 3/67

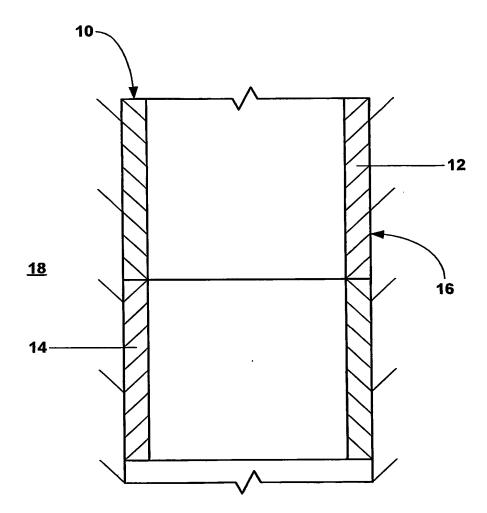


FIG. 4

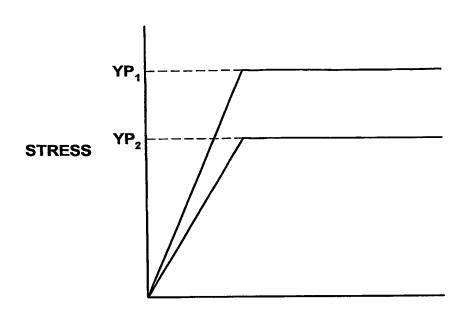
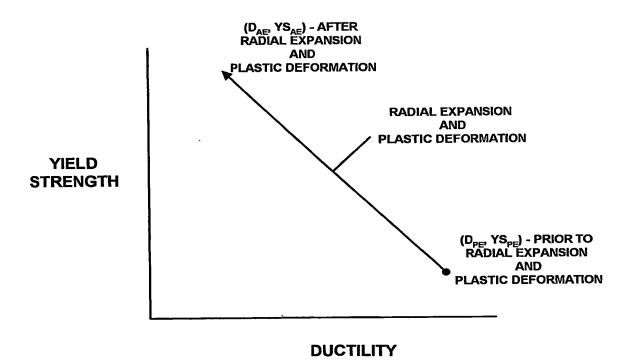


FIG. 5



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STRAIN

FIG. 6

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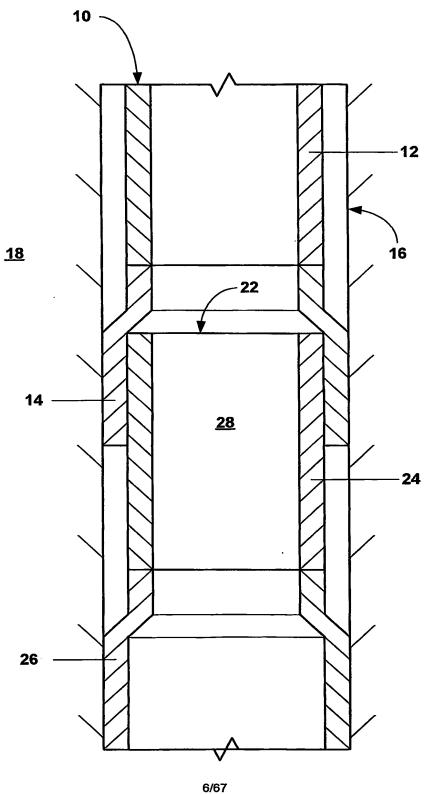


FIG. 7

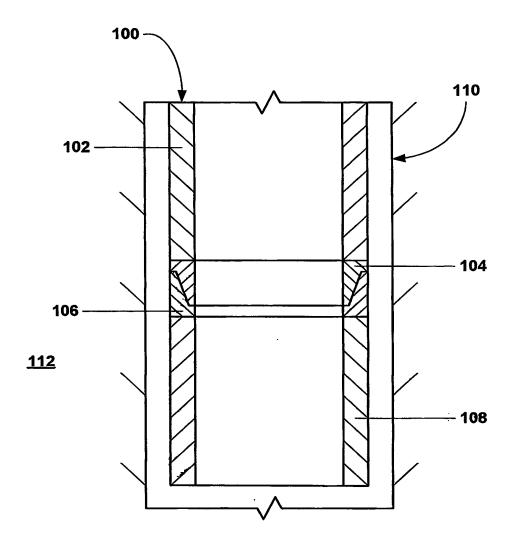


FIG. 8 7/67

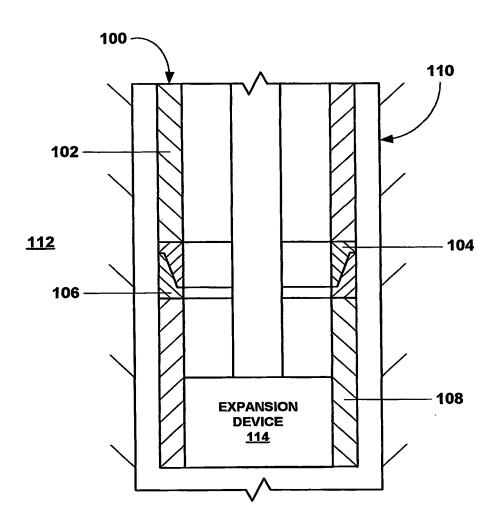


FIG. 9 8/67

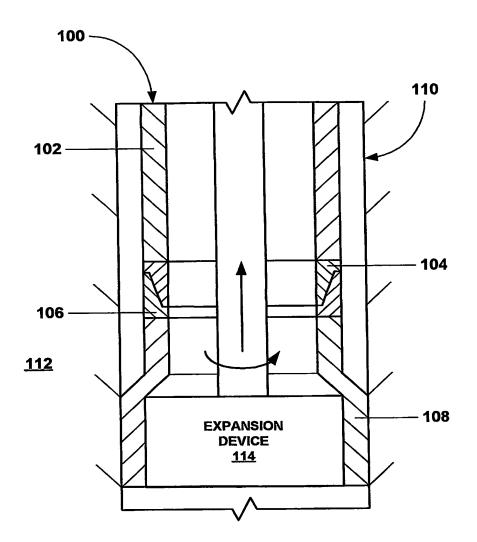


FIG. 10 9/67

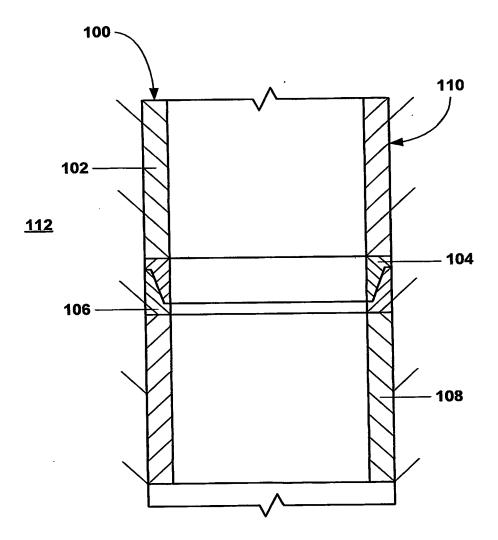
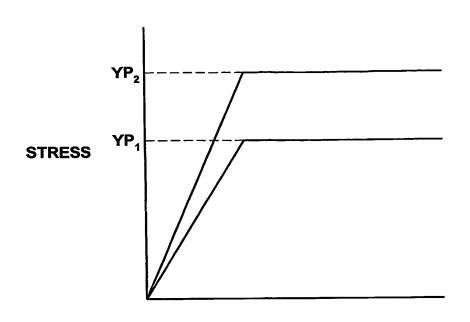


FIG. 11 10/67



STRAIN

FIG. 12

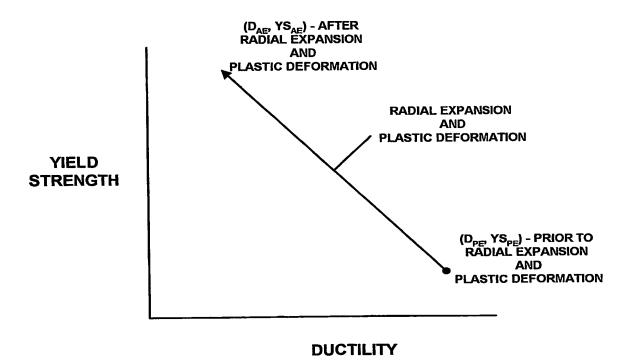


FIG. 13

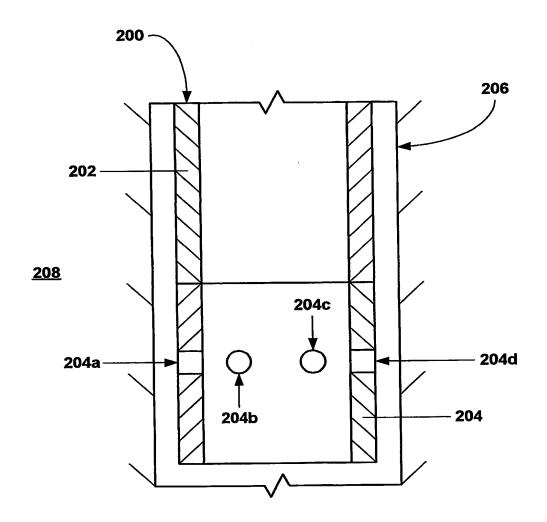


FIG. 14 12/67

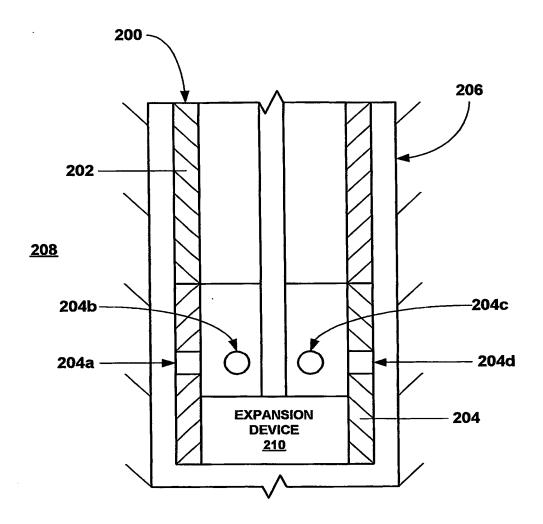


FIG. 15 13/67

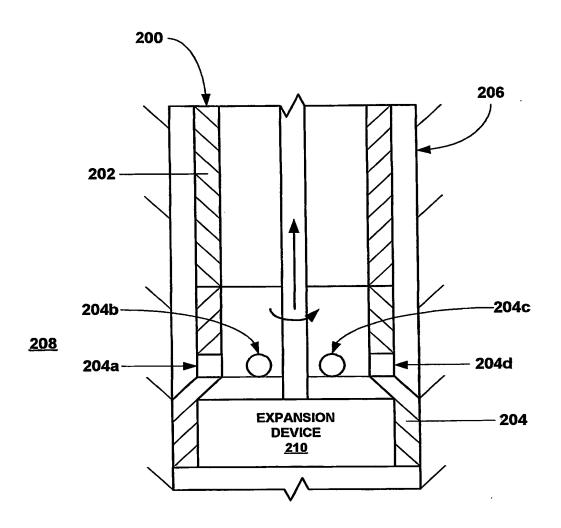


FIG. 16 14/67

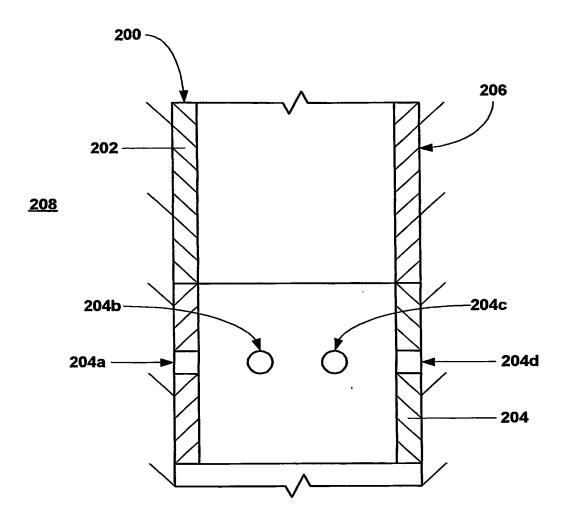


FIG. 17 15/67

PCT/US2004/029025

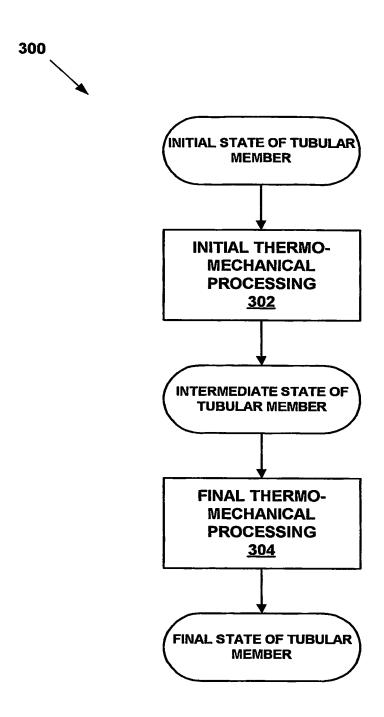
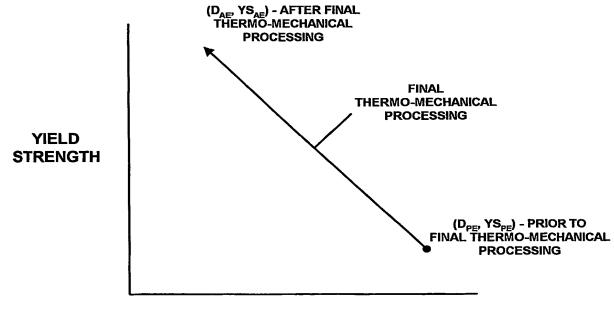


Fig. 18 16/67



DUCTILITY

FIG. 19 17/67

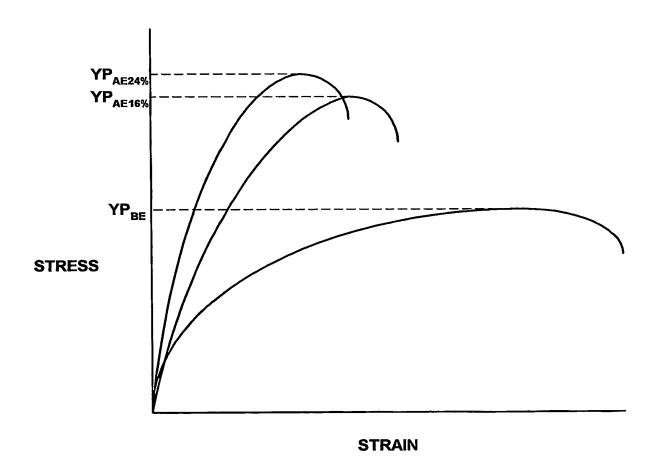


FIG. 20

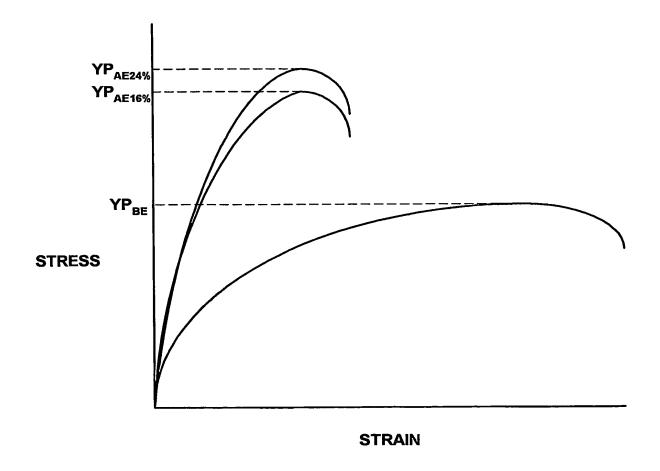


FIG. 21

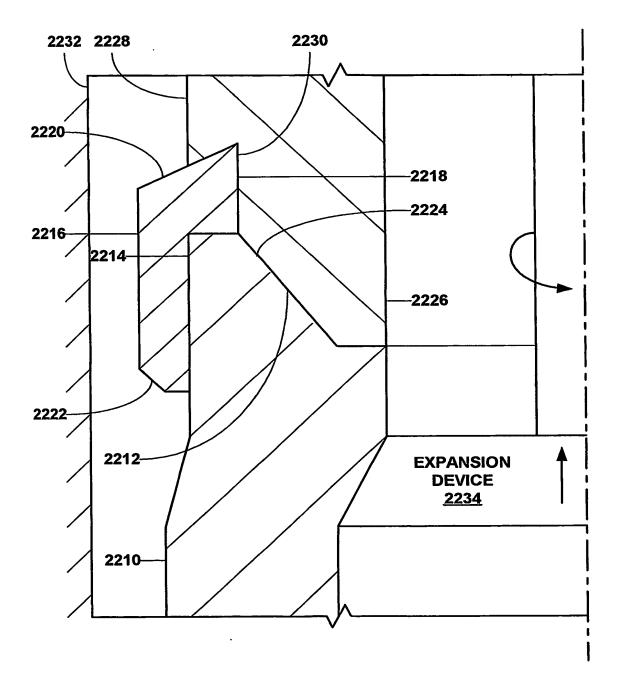


FIG. 22 20/67

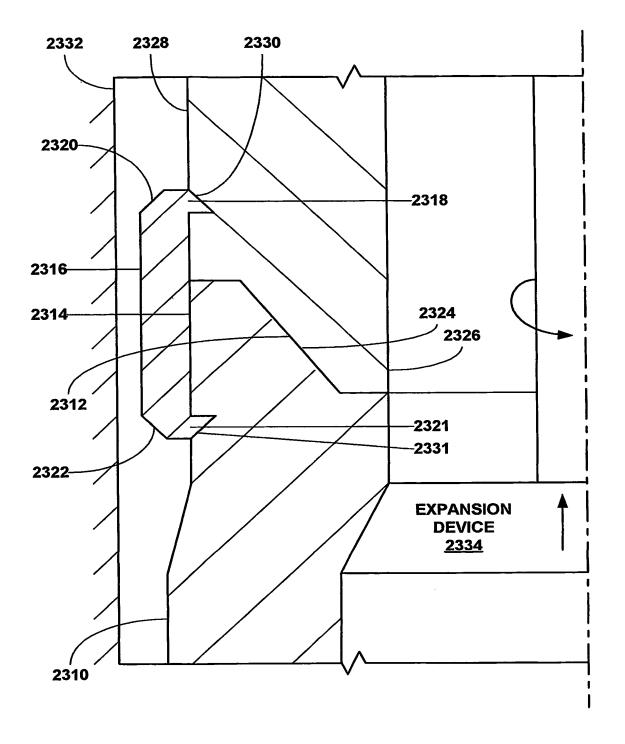


FIG. 23

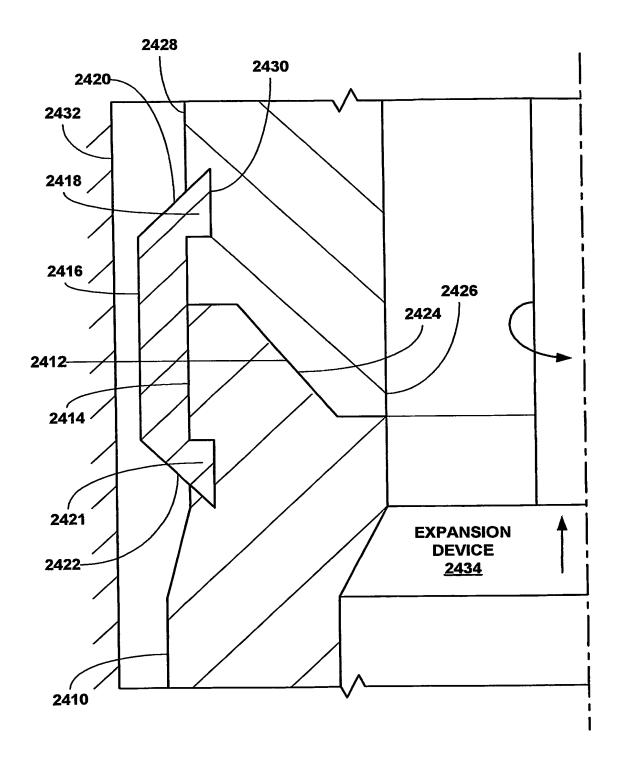


FIG. 24

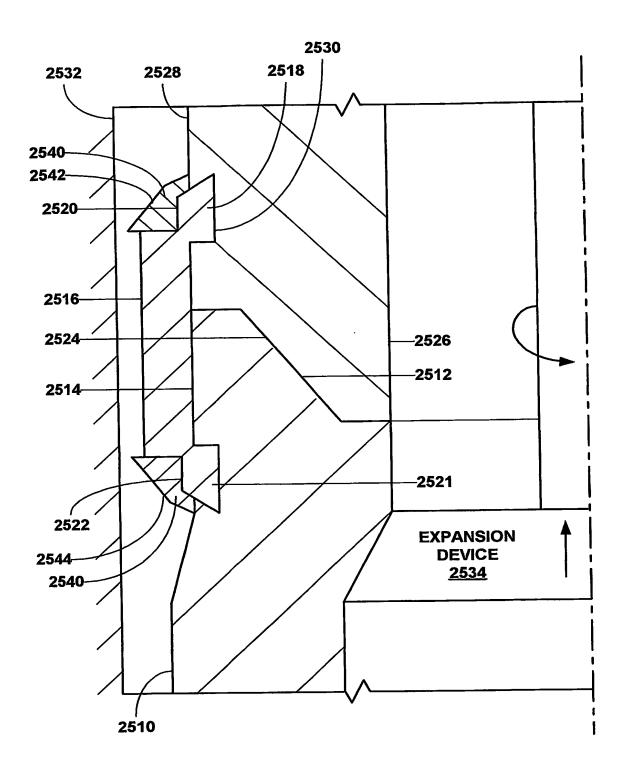


FIG. 25

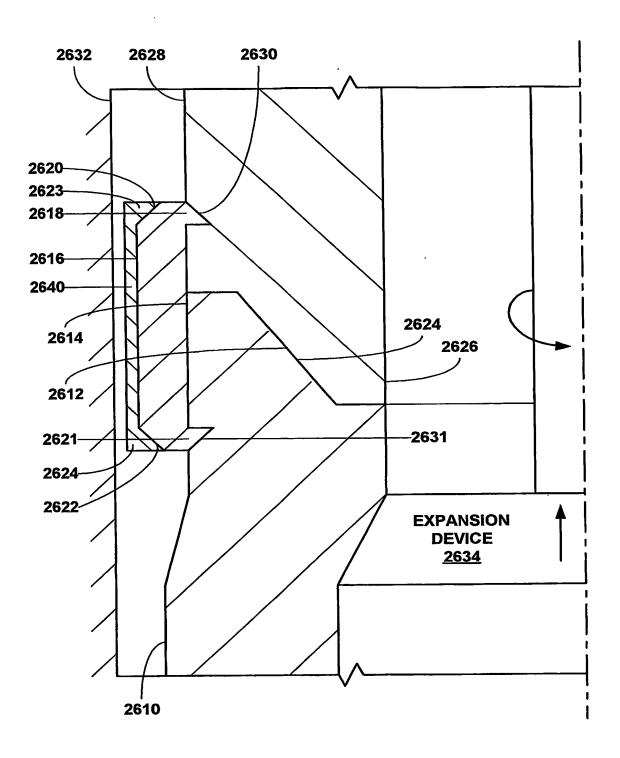


FIG. 26 24/67

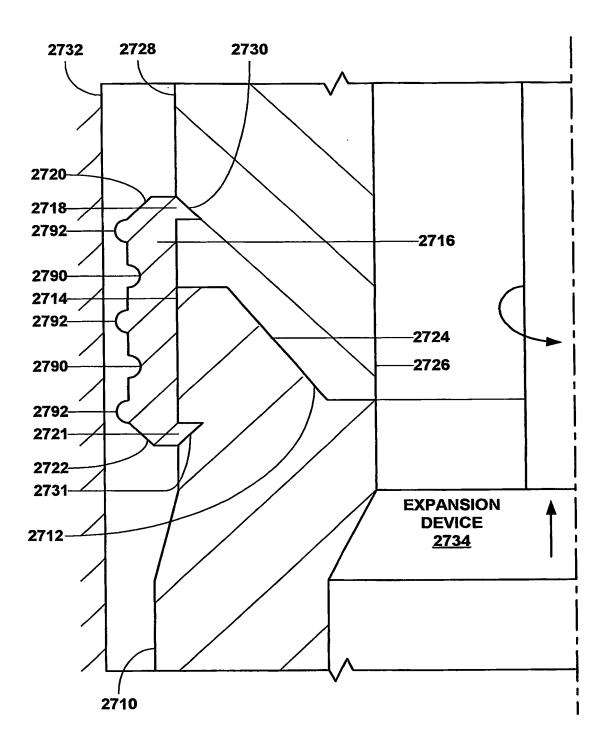
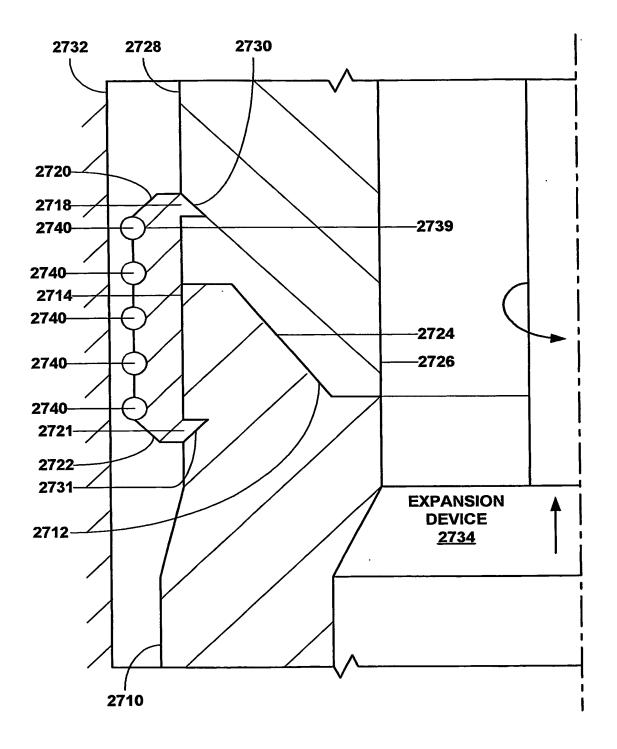


FIG. 27 25/67



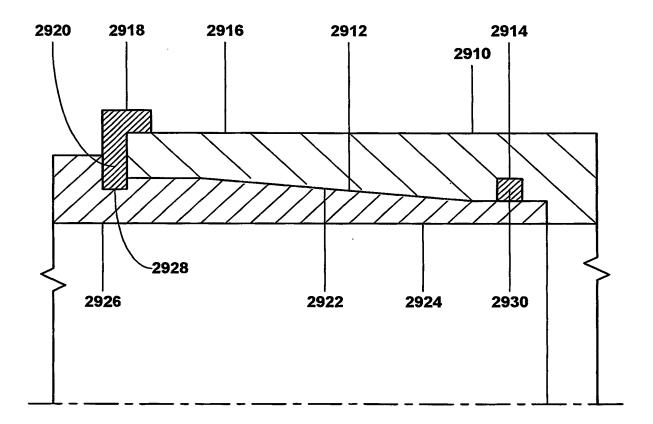
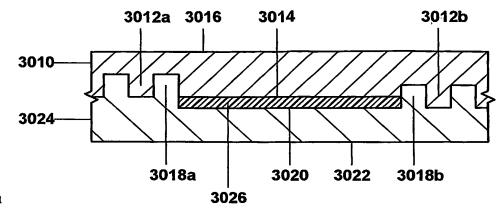
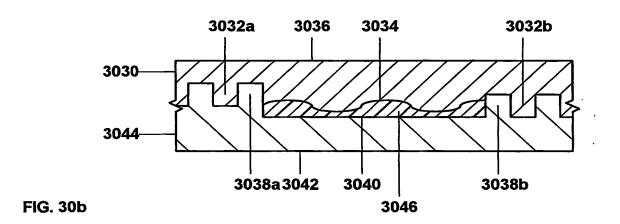
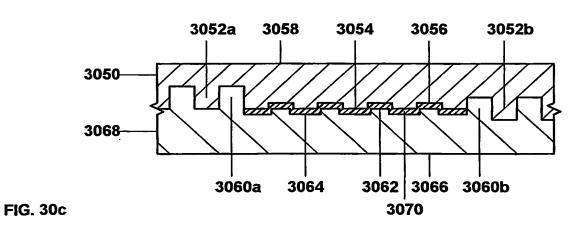


FIG. 29 27/67









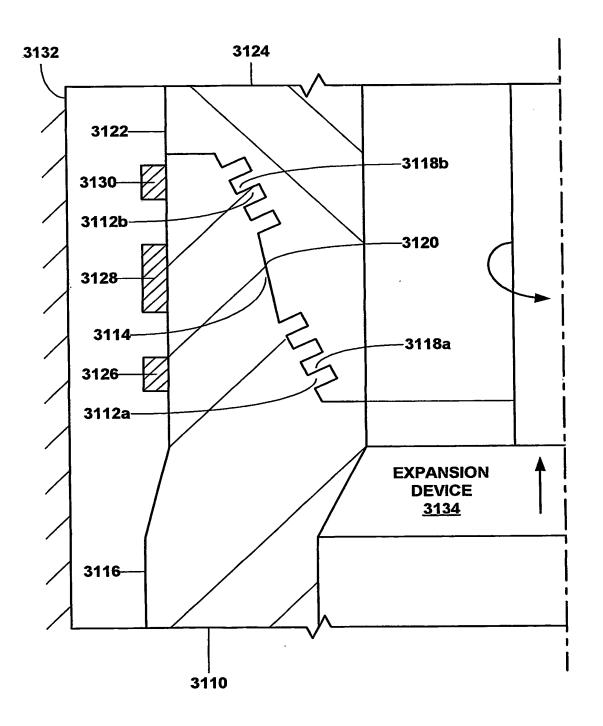


FIG. 31

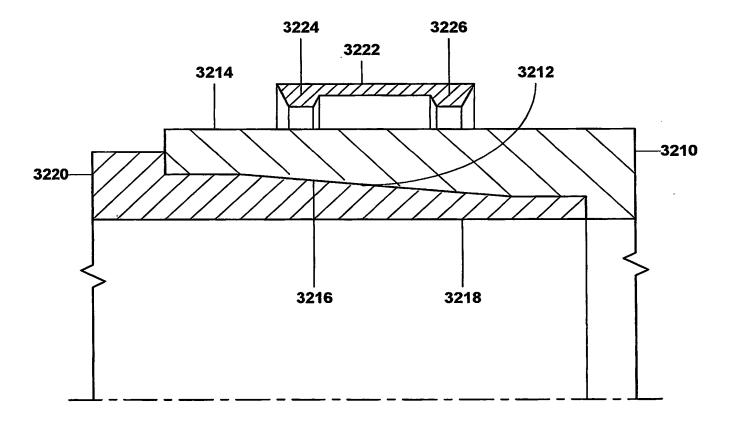


FIG. 32a 30/67

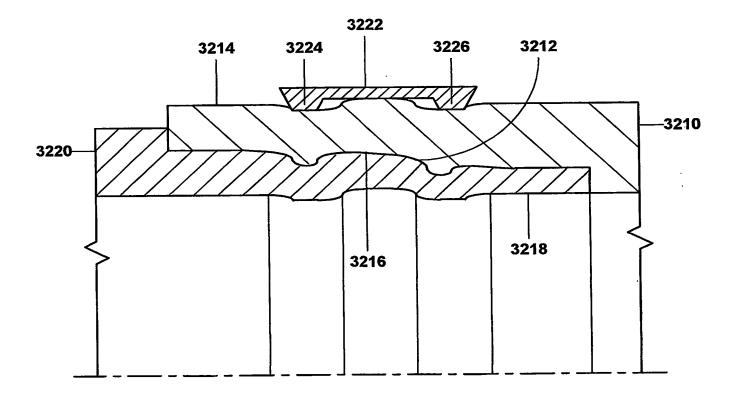


FIG. 32b

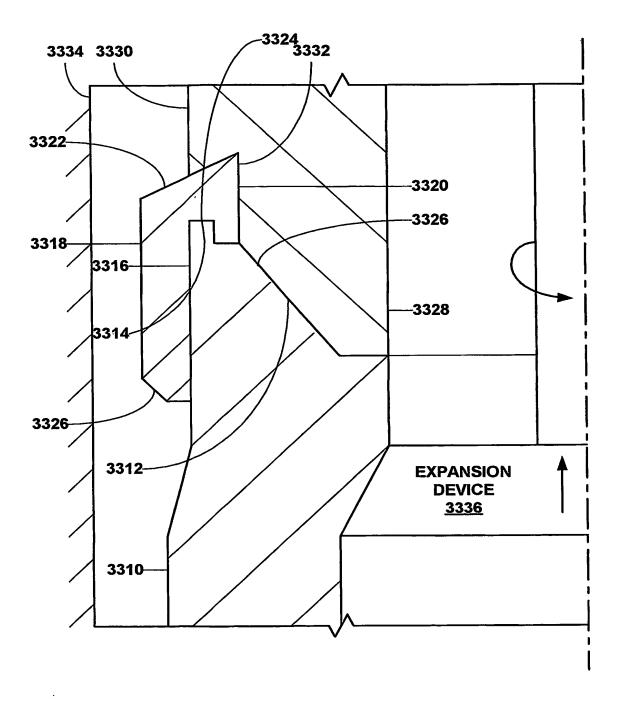


FIG. 33 32/67

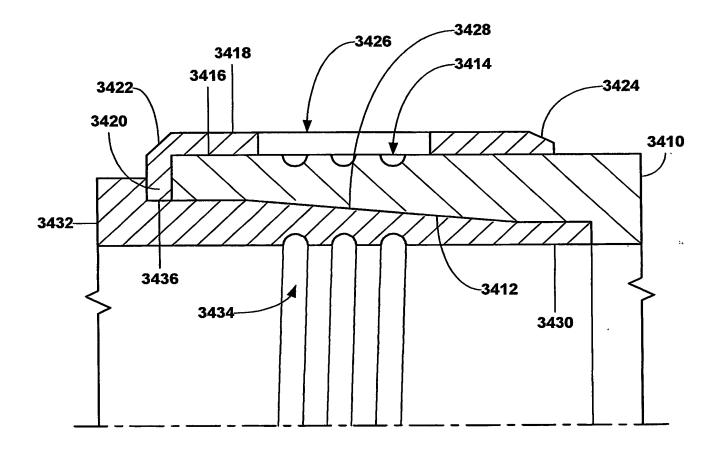
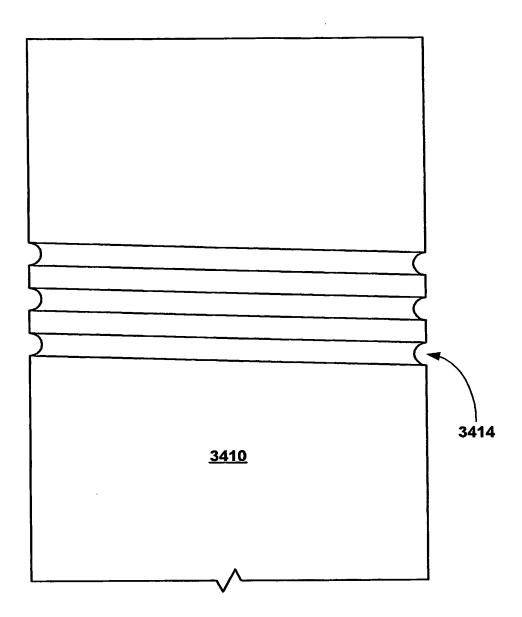


FIG. 34a 33/67



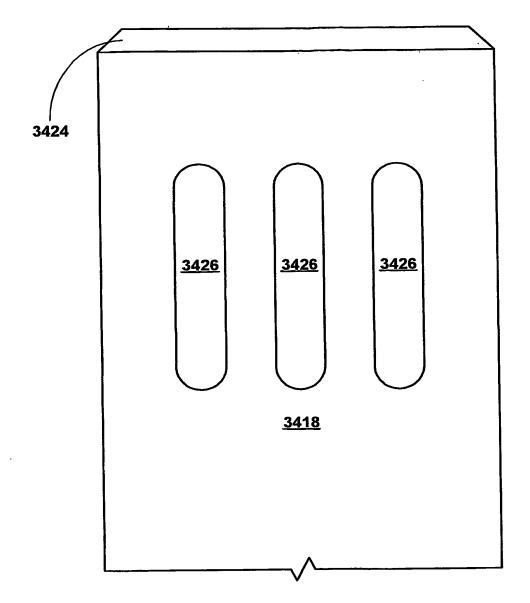


Fig. 34c

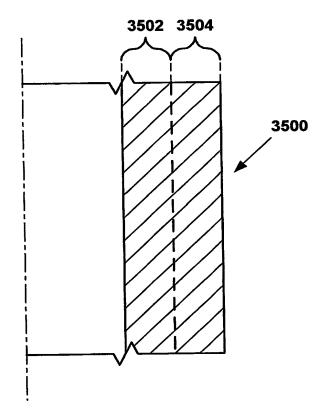


FIG. 35a 36/67

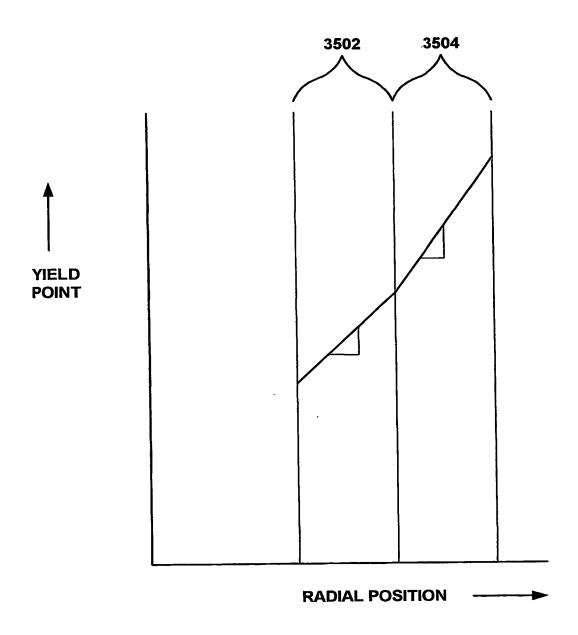


FIG. 35b 37/67

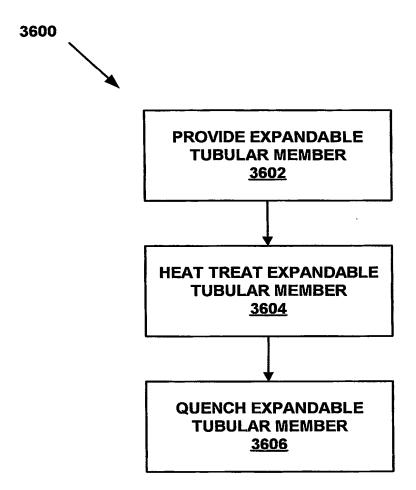
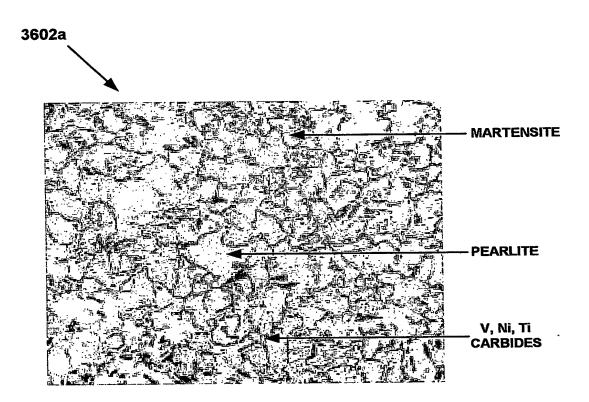


FIG. 36a 38/67



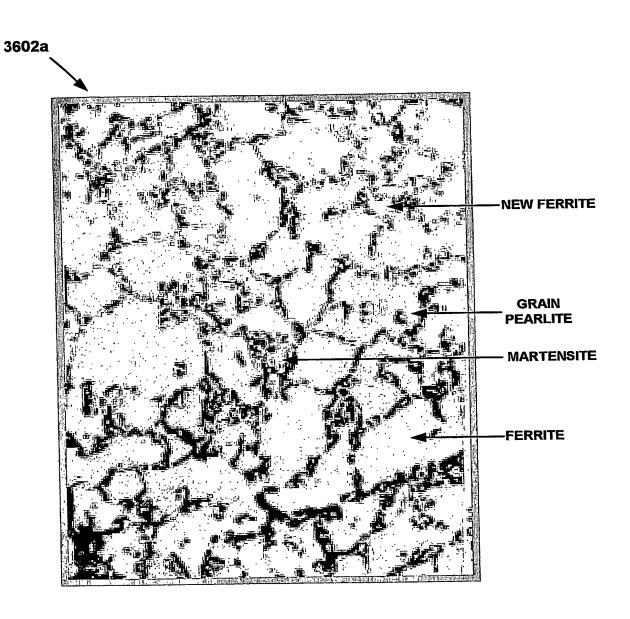


Fig. 36c

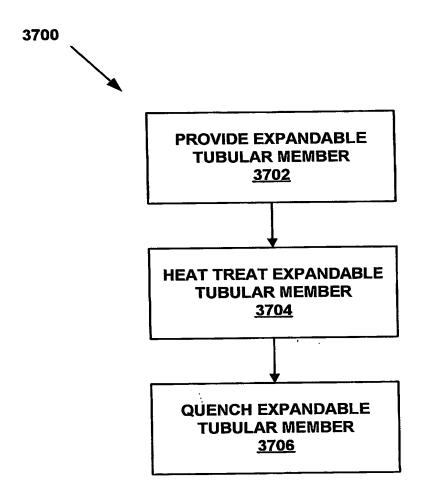
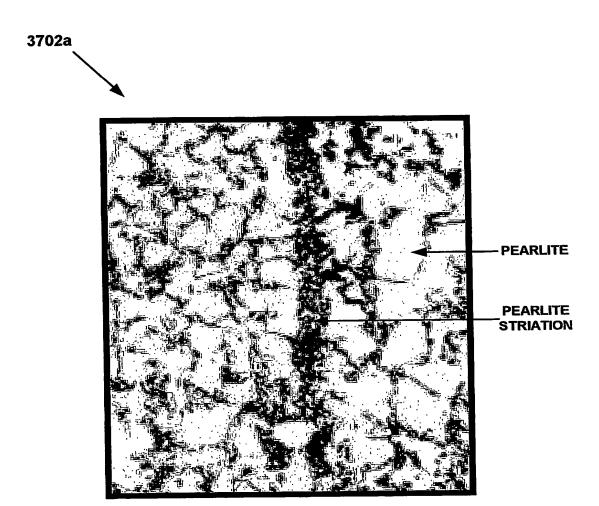


FIG. 37a 41/67



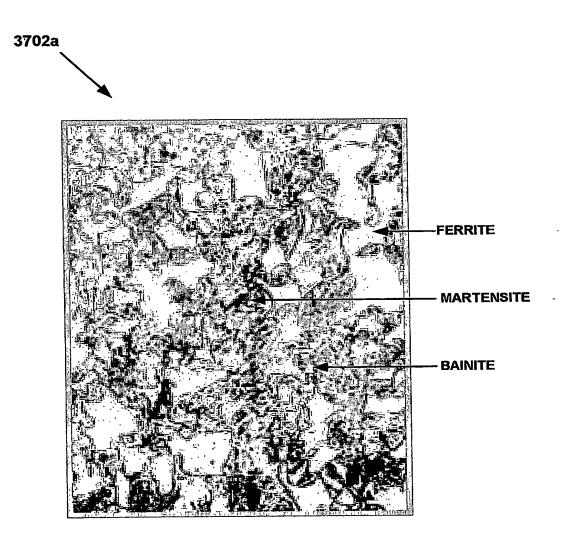


Fig. 37c 43/67

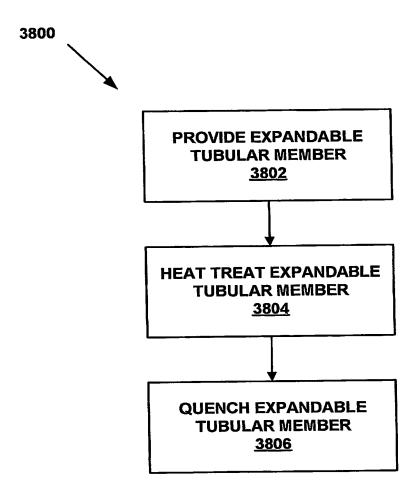


FIG. 38a 44/67

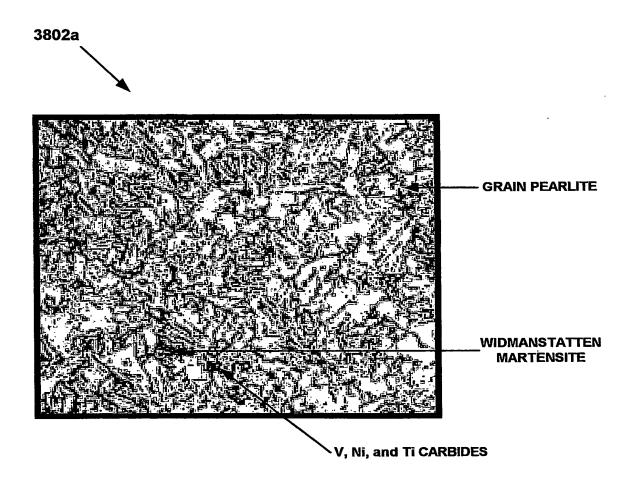


Fig. 38b 45/67

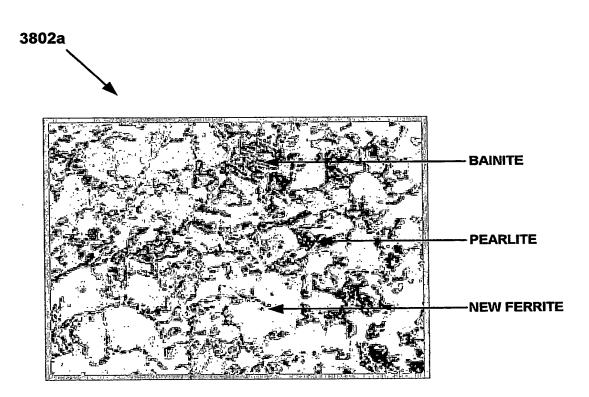
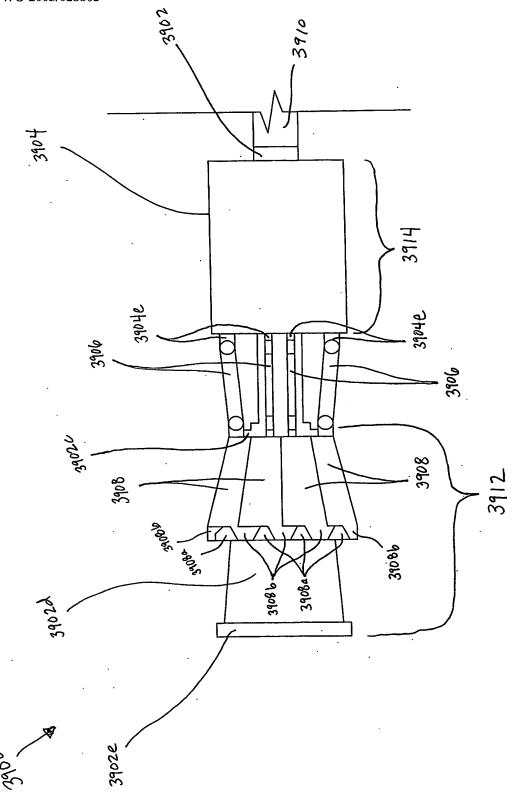
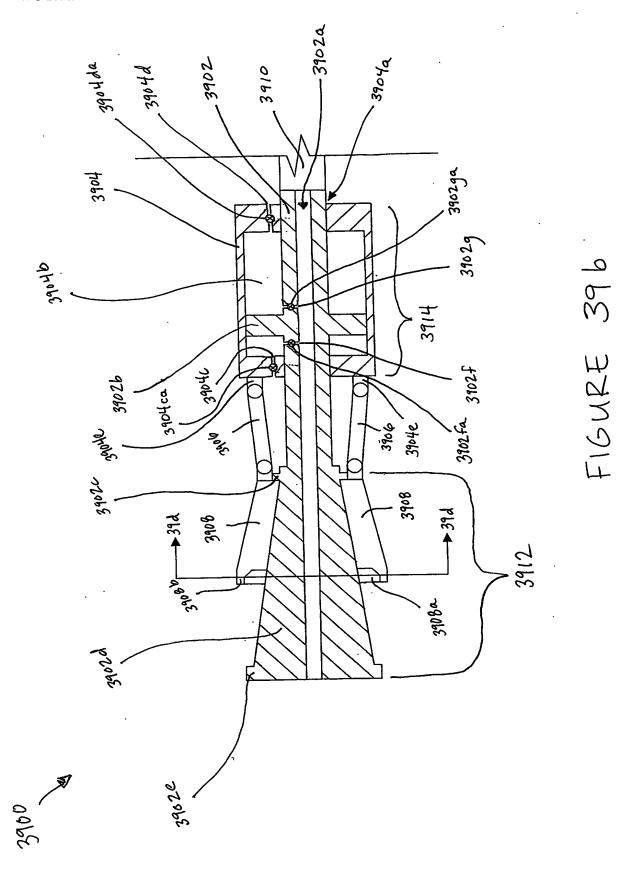
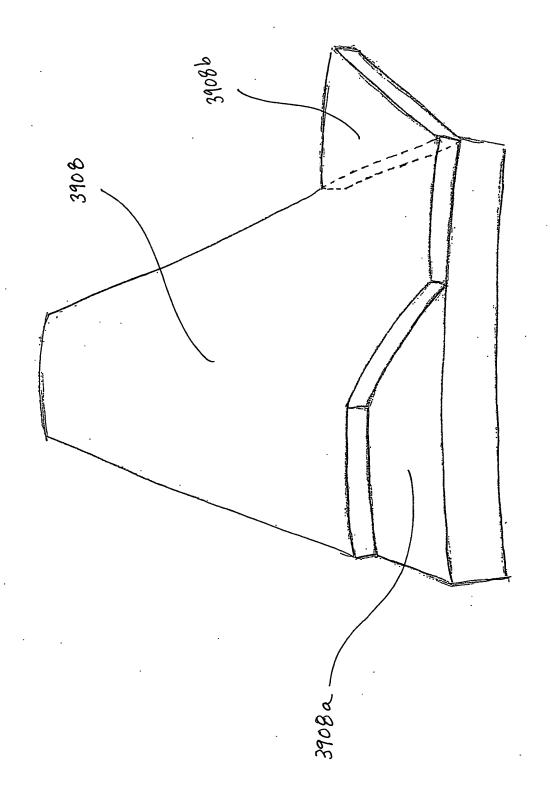
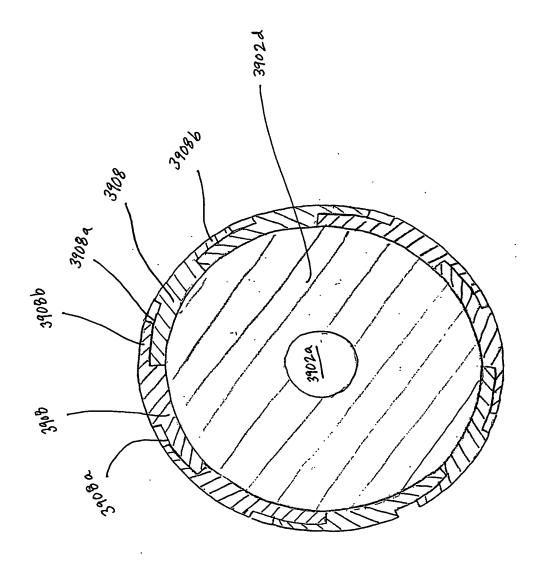


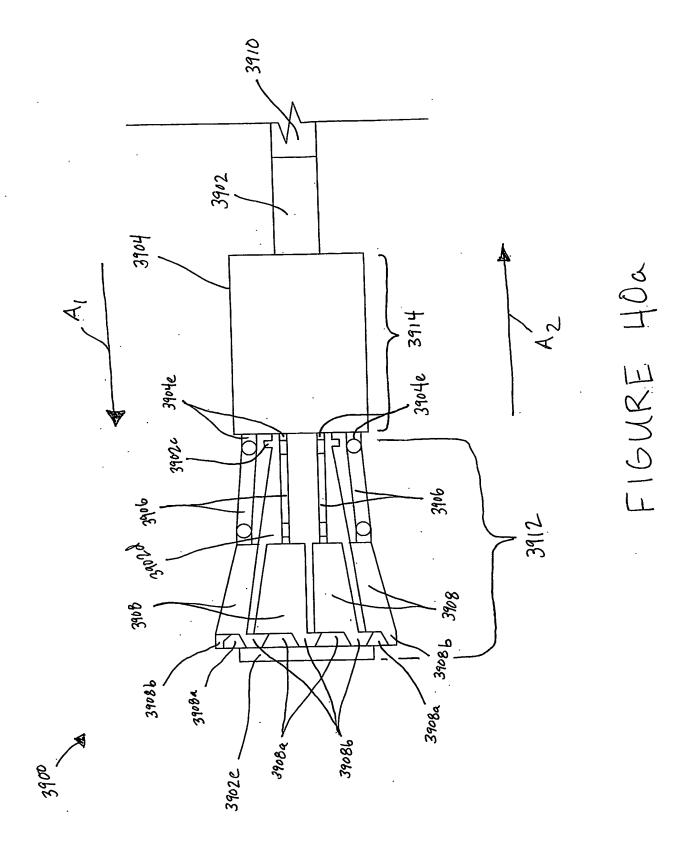
Fig. 38c 46/67

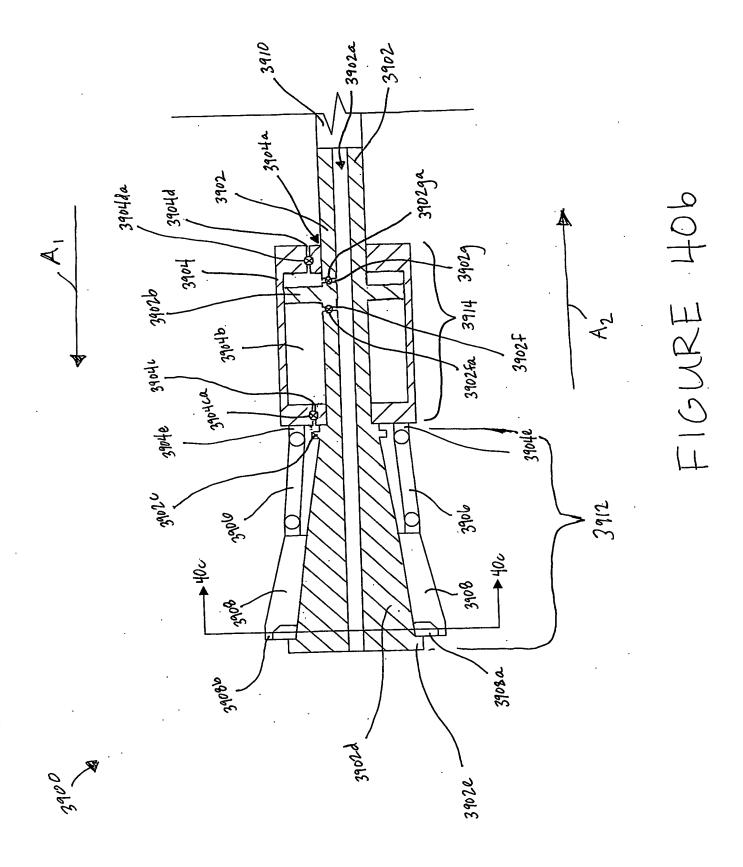


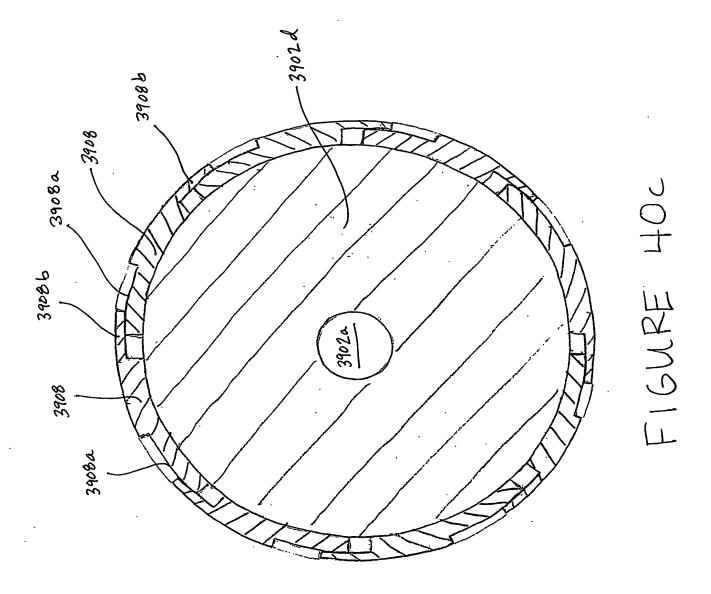












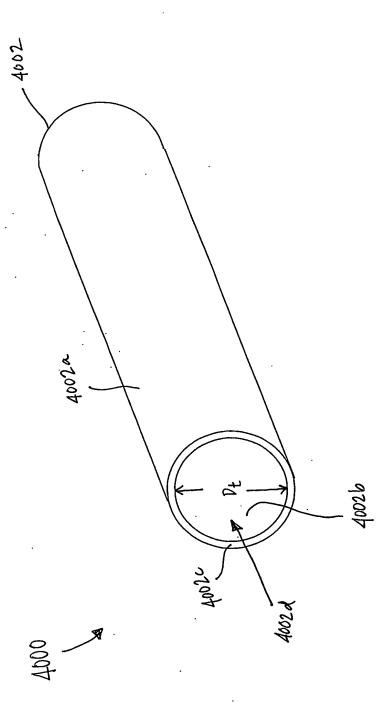


FIGURE 41

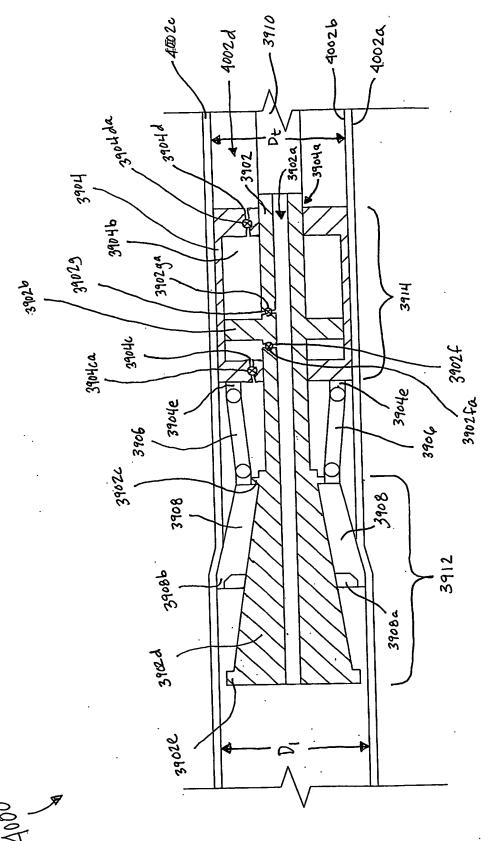


FIGURE 42a

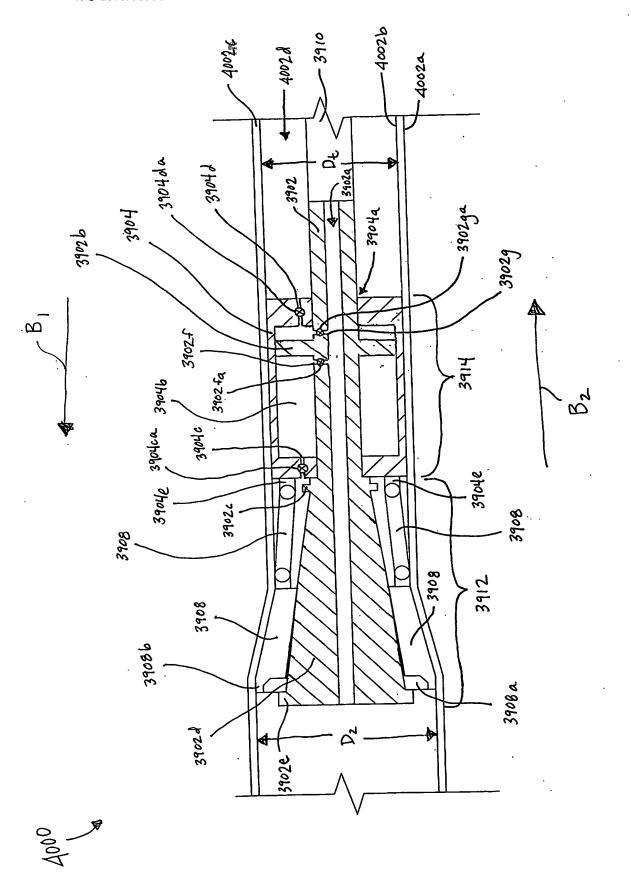


FIGURE 426

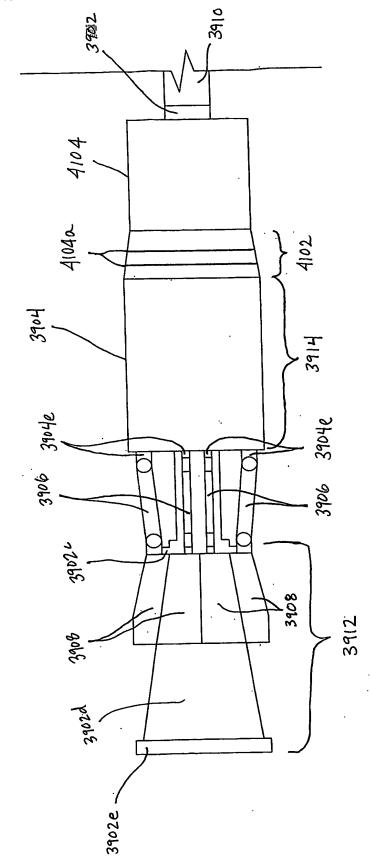
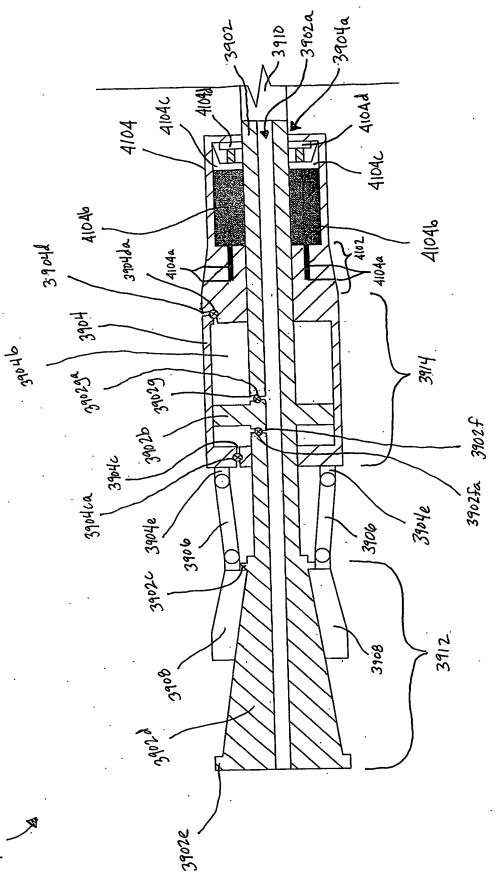
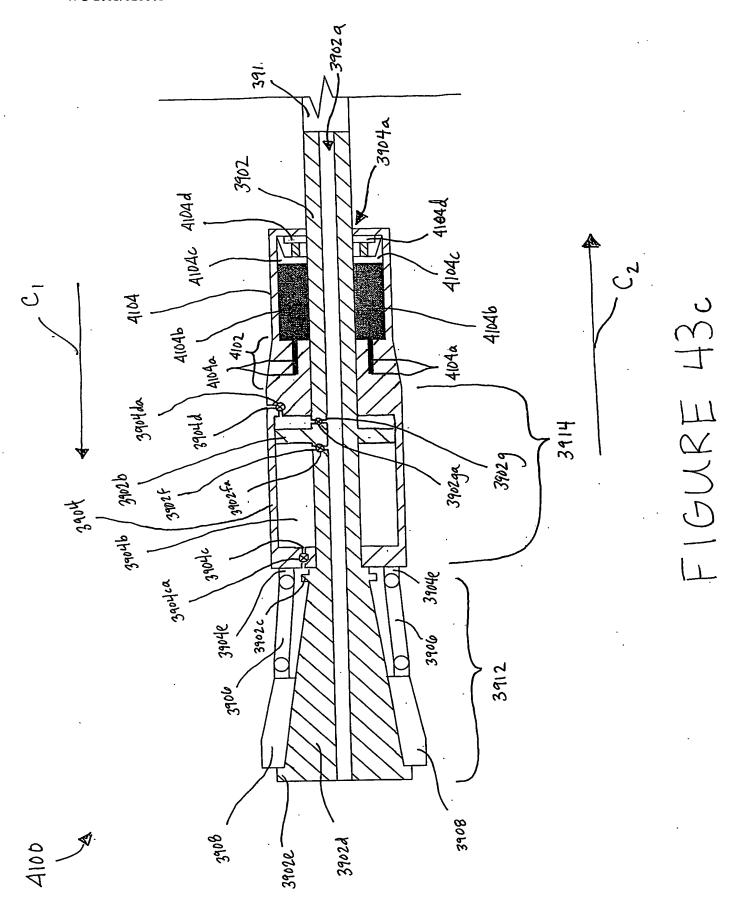


FIGURE 43a





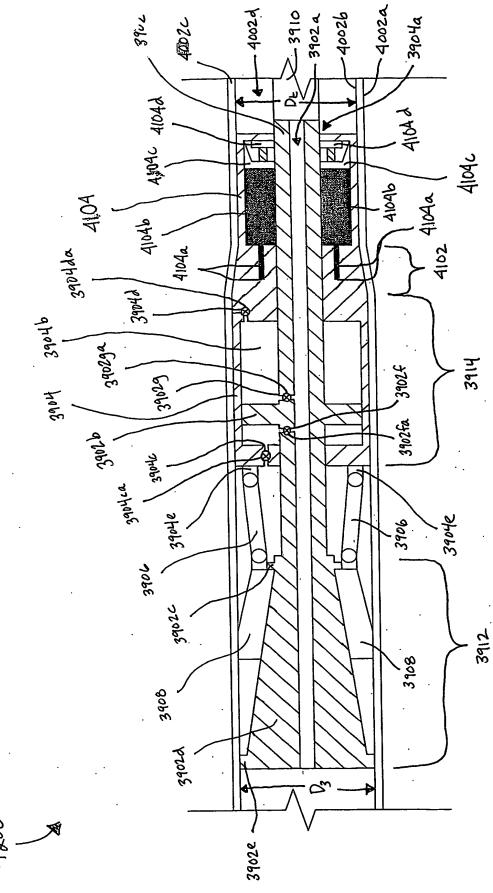
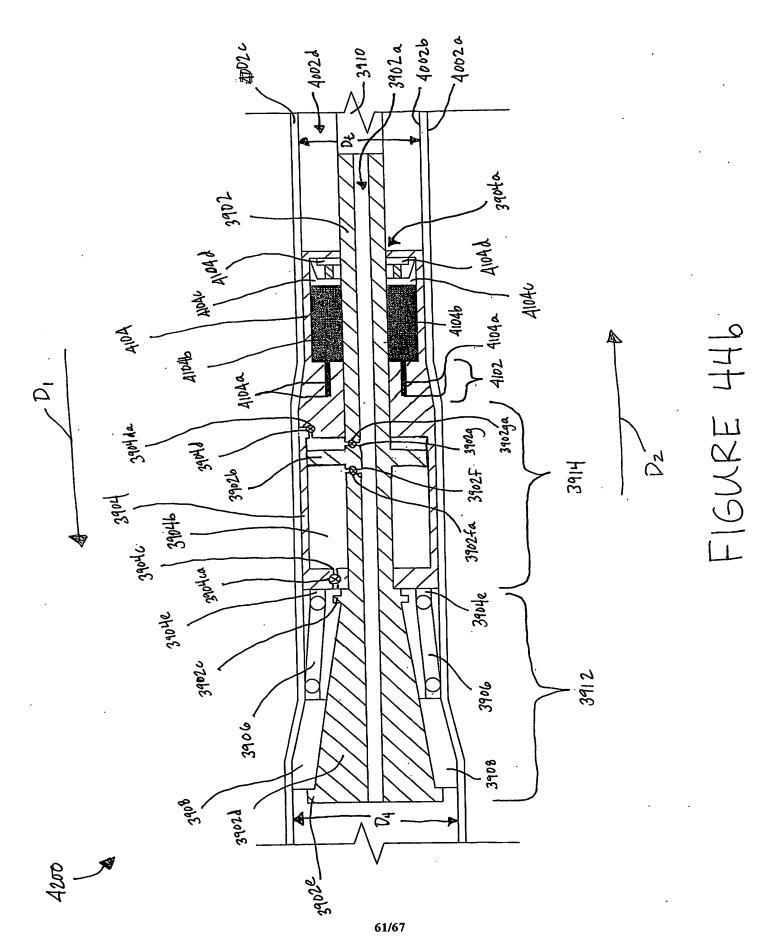
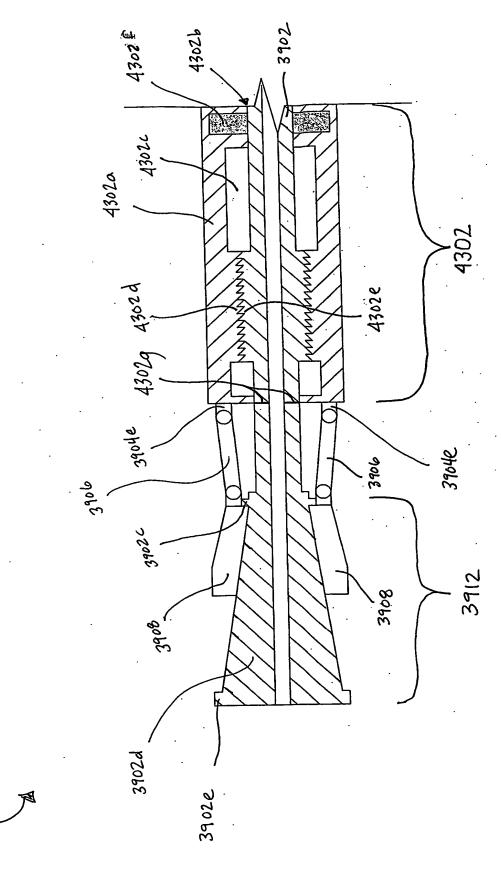


FIGURE 44a





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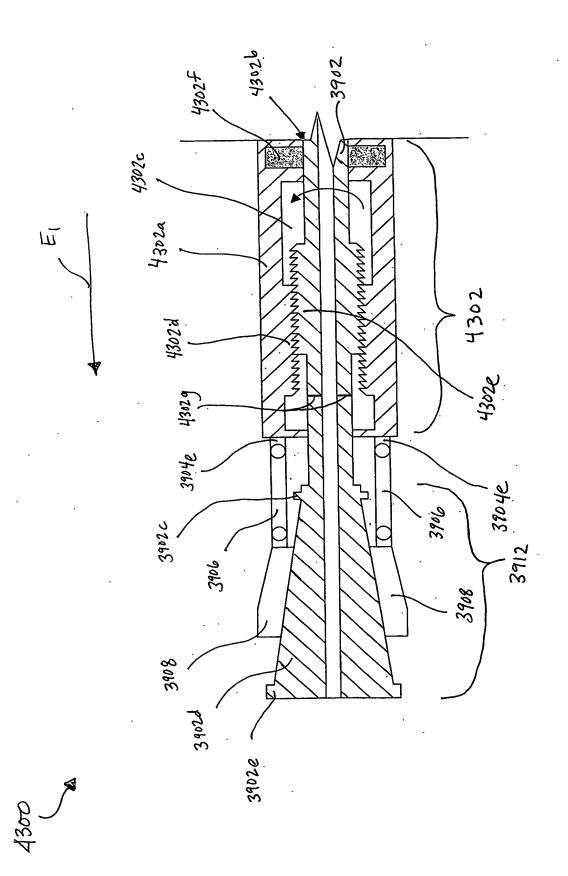


FIGURE 456

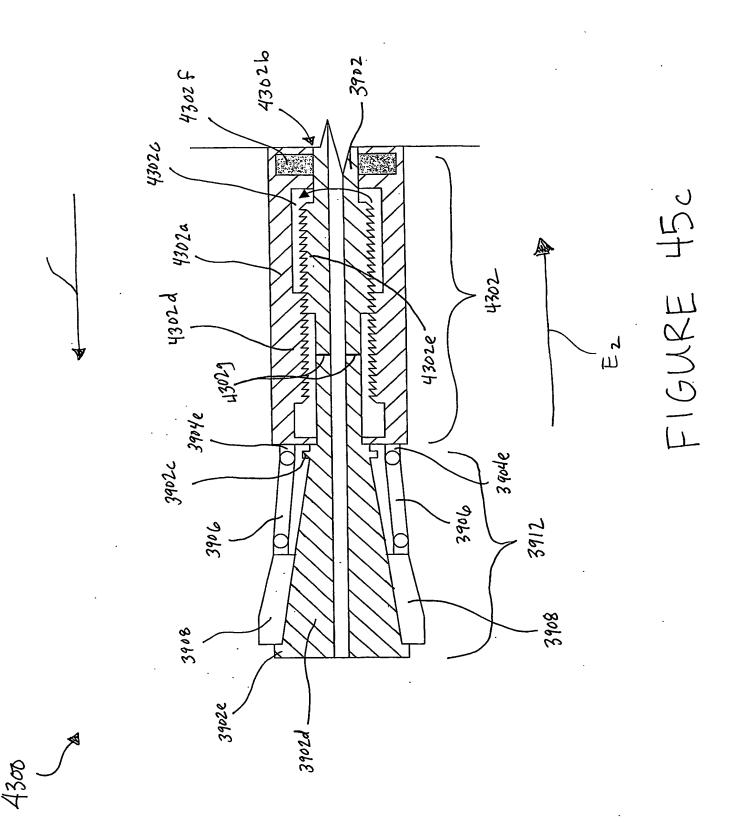
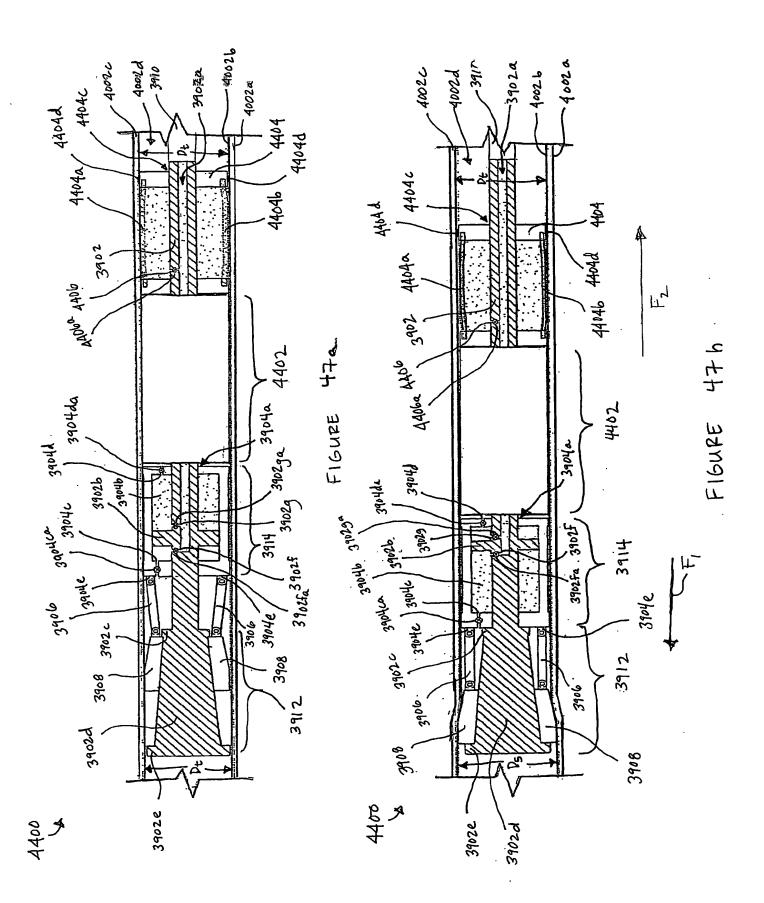
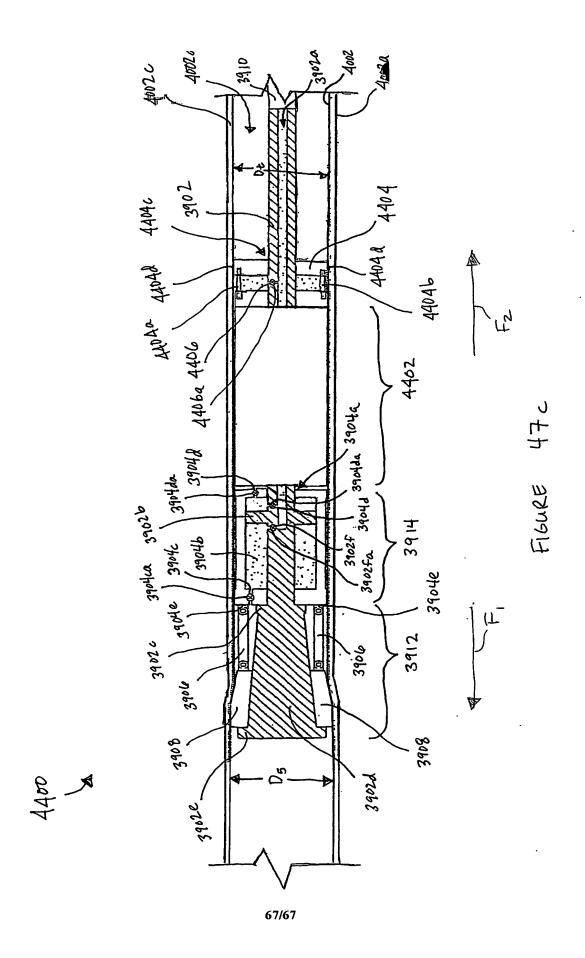


FIGURE 46







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